Agenda

Time			
		DAY ONE	
Noon - 1 PM	Registration for conference		
1:00 PM	Safety instructions/opening announcements		
1:15 PM	Welcome- Scott Hubbard ARC Center Director		
1:45PM	Keynote speaker: Dr. Christopher D. Wickens, Professor of Psychology, Head: Aviation Research Lab, University of Illinois @ Urbana-Champaign;Institute of Aviation.	History, present, and future trends of aviation human factors.	
3PM	Patricia Jones, Acting Chief , Ames Human Factors Reseaarch and Technology Division	HF in Aeronautics/HF Division Work	
3:45	**Break**		
4PM	Richard Mogford PhD., Manager, Human Measures and Performance Project & Symposium Chair	Introduction to Symposium	
5:00PM	HFS closes for the day		
		DAY TWO	
3 concurrent sessions:	**—User interface deisgn tools, guidelines, techniques and lessons learned**	**—Human performance issues in complex systems**	**—Fundamental research in human factors**
Opens @ 8	Contential Breakfast for those who purchased	Contential Breakfast for those who purchased	Contential Breakfast for those who purchased
8:30-9:30	DeMaio, Joe: An Evaluation Methodology for Traffic Awareness Displays	Bixler, Jeff: ASRS/PSRS/SIMS/ASAP Reporting	Barhydt, Richard: AOP Human Factors Design Considerateions, Flight Crew Interface & Pilot's use of the system in the context of current and future operating environments
9:30-10:30	Arend, Larry: Quality Assurance for Aviation Information Display	Degani, Asaf: Analysis and verification of Procedures for System Recovery	Ellis, Steve: Augmented Reality Tower tool (ARTT) in a Simulated Tower Environment: Effect of field of View on Aircraft Detection
10:30-11:30	Szoboszlay, Zoltan: Flight Path Marker Symbol for Rotorcraft Synthetic Vision Displays	Burian, Barbara: Emergency and Abnormal Checklist Design Factors Influencing Flight Crew response: A Case Study	Adelstein, Bernard: Measuring & Managing Human Response to Latency in Immersing Head-Mounted Display (ie VE) Systems
11:30- 12:30	Corker, Kevin & Foyle, David: SVS Operator Modeling	Sherry, Lance: Analysis of the Human-Computer Interaction for Scratchpad Error Messages on the Flight Management System	Begault, Durand: Intelligibility in Auditory Displays
12:30 -1:30	**Lunch**	**Lunch**	**Lunch**
1:30-2:30	Muthard, Emily: An evaluation of hazard surveillance and flight control with displays of varying magnitudes	Connors, Mary: National Aviation Operations Monitoring Service (NAOMS)	Ruthruff, Eric: Enabling Efficient Human Multi-tasking
2:30-2:45	**Break**	**Break**	**Break**
2:45-3:45	Kaiser, Mary & Sweet, Barbara: Modeling Pilots' Use of Visual Cues for Active Control	Smith, Nancy: A Human in the Loop Simulation Assessment of an En Route Trajectory Negotiation Concept	Mulligan, Jeff: Taking Eye-Tracking from the lab to the field (& sky)-Presents results from FAA helicopter flight study.Incorporating material from FFC tower study
3:45-4:45	Johnson, Walter & Bilimoria, Karl: Comparison of Pilot & Automation Generated Conflict Resolutions	Nowinski, Jessica: Cognitive Errors in the Cockpit	Wenzel, Elizabeth: Current Approaches to 3-D Sound Reproduction
		DAY THREE	
			HUMAN Performance in Complex Systems:
8:30-9:30	Feary, Mike: User interface evaluation - Dynamic Storyboard	Callantine, Todd: Simulation of Air Traffic Controller and Automation Performance	Dudley-Rowley, Marilyn & Cohen, Marc: NASA-Rockwell Space Station Crew Safety Study: Results from MIR
9:30-10:30	Schutte, Paul: Function Allocation and Operator Engagement	Lee, Paul: Effect of Increased Traffic Controller Workload	Foyle, David, Hooey Becky, & Wilson John: HUD Sympology: Command Guidance vs Situation Guidance
10:30-11:30	10:30-11 Dowell, Susan: Human Factors Issues in US Army Shadow UAV Systems	Johnson, Walter: A Simulation Evaluation of a Human Centered Approach to Flight Deck Procedures and Automation for En Route Maneuvering	Welch, Daniel: Effects of Procurment Type on Human Factors Activities
11:30-12:30	11:00-12 Hobbs, Alan: Understanding maintenance error	Tollinger, Irene & Connors, Chris: Anomoly Resloution	Hart, Sandy: MIDAS-structural augmentations
12:30-1:30	**Lunch**	**Lunch**	**Lunch**
1:30-2:30	Battiste, Vern: Human Centered Decision Support Tools for Arrival Merging and Spacing	1:30 PM - McCandless, Jeffrey: Development and Evaluation of Space Shuttle Cockpit Displays 2 PM - McCann, Rob: A human-centered operational concept for active fault management in next-generation space vehicles	Dorighi, Nancy: Ames' SimLabs Captures Pilot & Controller Perspectives via Integrated Simulation
2:30-2:45	**Break**	**Break**	**Break**
2:45-3:45	Watson, Andrew & Ahumada, Albert J Jr.: The Spatial Standard Observer and Aeronautical Applications	Casner, Steve: The effects GPS and moving map displays on pilot navigational awareness.	REDUCING PILOT ERROR: From Basic Research to Operational Procedure. Dismukes, Key: Basic & Field Research on Concurrent Task Mangement
3:45-4:45	Meyer, George: Conflict Resolution in multi-agent systems	Matessa, Mike: Human Performance Modeling work in Implementing CPM-GOMS Templates and Interleaving theroy in ACT-R	Barshi, Immanuel: Applications to Operating Procedures
		DAY FOUR	
		Lab, Facility Tours	
		Assemble in Building 262 in Room 100	

12 Noon - 1 PM   FFC